

**Texas Education Agency
Standard Application System (SAS)**

2014-2016 Technology Lending Program Grant

Program authority:	General Appropriations Act, Article III, Rider 8, 83rd Texas Legislature; TEC, Chapter 31, Section 31.021(f) and Chapter 32	FOR TEA USE ONLY Write NOGA ID here:
Grant period:	October 1, 2014, to August 31, 2016	<div style="writing-mode: vertical-rl; transform: rotate(180deg);"> Received Texas Education Agency 2014 APR 29 PM 3:18 Document Control Center </div>
Application deadline:	5:00 p.m. Central Time, May 13, 2014	
Submittal information:	Four complete copies of the application, three with original signature (blue ink preferred), must be received no later than the aforementioned time and date at this address: Document Control Center, Division of Grants Administration Texas Education Agency 1701 North Congress Ave Austin TX 78701-1494	
Contact information:	Kathy Ferguson: techlending@tea.state.tx.us; (512) 463-9400	

Schedule #1—General Information

Part 1: Applicant Information					
Organization name	County-District #	Campus name/#	Amendment #		
Brownwood Independent School District	025-902	Brownwood High School – 001; Brownwood Middle School 041			
Vendor ID #	ESC Region #	US Congressional District #	DUNS #		
756000283	15	TX 11	0544808350000		
Mailing address		City	State	ZIP Code	
2707 Southside Drive		Brownwood	TX	76801	
Primary Contact					
First name	M.I.	Last name	Title		
Elizabeth		Gilmore	Instructional Technology		
Telephone #	Email address		FAX #		
325-643-5644	Elizabeth.gilmore@brownwoodisd.org		325-643-5640		
Secondary Contact					
First name	M.I.	Last name	Title		
Mark		Stanley	Director of Technology		
Telephone #	Email address		FAX #		
325-643-5644	Mark.stanley@brownwoodisd.org		325-643-5640		

Part 2: Certification and Incorporation

I hereby certify that the information contained in this application is, to the best of my knowledge, correct and that the organization named above has authorized me as its representative to obligate this organization in a legally binding contractual agreement. I further certify that any ensuing program and activity will be conducted in accordance with all applicable federal and state laws and regulations, application guidelines and instructions, the general provisions and assurances, debarment and suspension certification, lobbying certification requirements, special provisions and assurances, and the schedules attached as applicable. **It is understood by the applicant that this application constitutes an offer and, if accepted by the Agency or renegotiated to acceptance, will form a binding agreement.**

Authorized Official:

First name	M.I.	Last name	Title
Reece		Blincoe	Superintendent
Telephone #		Email address	FAX #
325-643-5644		Reece.blincoe@brownwoodisd.org	325-643-5640
Signature (blue ink preferred)		Date signed	


 Only the legally responsible party may sign this application.

4-22-14

701-14-107-004

Schedule #1—General Information (cont.)

County-district number or vendor ID: 025-902

Amendment # (for amendments only):

Part 3: Schedules Required for New or Amended Applications

An X in the "New" column indicates a required schedule that must be submitted as part of any new application. The applicant must mark the "New" checkbox for each additional schedule submitted to complete the application.

For amended applications, the applicant must mark the "Amended" checkbox for each schedule being submitted as part of the amendment.

Schedule #	Schedule Name	Application Type	
		New	Amended
1	General Information	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2	Required Attachments and Provisions and Assurances	<input checked="" type="checkbox"/>	N/A
4	Request for Amendment	N/A	<input checked="" type="checkbox"/>
5	Program Executive Summary	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Program Budget Summary	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8	Professional and Contracted Services (6200)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9	Supplies and Materials (6300)	<input type="checkbox"/>	<input type="checkbox"/>
10	Other Operating Costs (6400)	<input type="checkbox"/>	<input type="checkbox"/>
11	Capital Outlay (6600/15XX)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12	Demographics and Participants to Be Served with Grant Funds	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13	Needs Assessment	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14	Management Plan	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15	Project Evaluation	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16	Responses to Statutory Requirements	<input checked="" type="checkbox"/>	<input type="checkbox"/>
17	Responses to TEA Requirements	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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Schedule #2—Required Attachments and Provisions and Assurances

County-district number or vendor ID: 025-902

Amendment # (for amendments only):

Part 1: Required Attachments

The following table lists the fiscal-related and program-related documents that are required to be submitted with the application (attached to the back of each copy, as an appendix).

#	Applicant Type	Name of Required Fiscal-Related Attachment
No fiscal-related attachments are required for this grant.		
#	Name of Required Program-Related Attachment	Description of Required Program-Related Attachment
No program-related attachments are required for this grant.		

Part 2: Acceptance and Compliance

By marking an X in each of the boxes below, the authorized official who signs Schedule #1—General Information certifies his or her acceptance of and compliance with all of the following guidelines, provisions, and assurances.

Note that provisions and assurances specific to this program are listed separately, in Part 3 of this schedule, and require a separate certification.

X	Acceptance and Compliance
<input checked="" type="checkbox"/>	I certify my acceptance of and compliance with the <u>General and Fiscal Guidelines</u> .
<input checked="" type="checkbox"/>	I certify my acceptance of and compliance with the <u>program guidelines for this grant</u> .
<input checked="" type="checkbox"/>	I certify my acceptance of and compliance with all <u>General Provisions and Assurances requirements</u> .
<input checked="" type="checkbox"/>	I certify that I am not debarred or suspended. I also certify my acceptance of and compliance with all <u>Debarment and Suspension Certification requirements</u> .

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Schedule #2—Required Attachments and Provisions and Assurances

County-district number or vendor ID: 025-902

Amendment # (for amendments only):

Part 3: Program-Specific Provisions and Assurances☒ I certify my acceptance of and compliance with all program-specific provisions and assurances listed below.

#	Provision/Assurance
1.	The applicant provides assurance that program funds will supplement (increase the level of service), and not supplant (replace) state mandates, State Board of Education rules, and activities previously conducted with state or local funds. The applicant provides assurance that state or local funds may not be decreased or diverted for other purposes merely because of the availability of these funds. The applicant provides assurance that program services and activities to be funded from this grant will be supplementary to existing services and activities and will not be used for any services or activities required by state law, State Board of Education rules, or local policy.
2.	The applicant provides assurance that the application does not contain any information that would be protected by the Family Educational Rights and Privacy Act (FERPA) from general release to the public.
3.	The applicant assures that funds provided under the Instructional Materials Allotment (IMA) or other funding are insufficient to purchase enough lending technology for every student who needs dedicated access to a device.
4.	The applicant assures that it will provide access to lending technology and residential access to the Internet for students, including economically disadvantaged students and students with disabilities, who do not already have either the needed equipment or Internet service for learning at home.
5.	The applicant understands that equipment purchased with Technology Lending Program Grant funds is the property of the district or charter school.
6.	The applicant assures that infrastructure and technical support are adequate to support students' use of loaned equipment provided through the grant at its participating campus(es).
7.	The applicant assures that it will provide adequate staff to administer the program and ensure successful implementation.
8.	The applicant assures that it will account for the technology lending equipment in accordance with district policy for accounting for such equipment, including providing insurance when insurance is typically provided for such equipment. The applicant understands that the grant funds cannot be used to replace lost, stolen, or damaged equipment.
9.	The applicant assures that it will obtain a Technology Lending Agreement signed by the parents/guardian of each participating student and by the student participating in the program, including an assurance of student's mastery of the grade-appropriate Digital Citizenship strand of the Technology Applications Texas Essential Knowledge and Skills.
10.	The applicant assures that it has an approved 2013-2014 district technology plan on file with TEA. The applicant understands that if an approved 2013-2014 district technology plan is not on file with TEA at the time the application is submitted to TEA on the application due date, the application is not eligible to be funded.
11.	The applicants assures that it is at Developing or higher Level of Progress in Teaching and Learning and in Educator Preparation in their Texas Campus School Technology and Readiness (STaR Chart) report for the 2012-2013 school year.
11.	The applicant assures that technology lending and use of electronic instructional materials are incorporated into school district or open-enrollment charter school's technology plan.
12.	The applicant assures that appropriate professional development has already been provided for teachers in the use of digital content or that appropriate professional development will be provided within the first three months of the grant period (i.e., October 1, 2014-December 31, 2014) to be prepared for the grant implementation.
13.	The applicant assures that a minimum of 50% of the funds awarded will be spent within the first four months of the grant period (i.e., October 1, 2014-February 1, 2015), and that 100% of the funds will be expended no later than the end of the 1 st year of the grant period (i.e. August 31, 2015) to ensure full program implementation through August 31, 2016.
14.	The applicant agrees to collect and report the data for the performance measures stated in the Program Guidelines under Program Evaluation. The applicant assures it will develop appropriate systems and processes to collect and report the required data.

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Schedule #4—Request for Amendment

County-district number or vendor ID: 025-902

Amendment # (for amendments only):

Part 1: Submitting an Amendment

This schedule is used to amend a grant application that has been approved by TEA and issued a Notice of Grant Award (NOGA). **Do not submit this schedule with the original grant application.** Refer to the instructions to this schedule for information on what schedules must be submitted with an amendment.

An amendment may be submitted by mail **or** by fax. Do not submit the same amendment by both methods. Amendments submitted via email will not be accepted.

If the amendment is mailed, submit three copies of each schedule pertinent to the amendment to the following address: Document Control Center, Division of Grants Administration, Texas Education Agency, 1701 N. Congress Ave., Austin TX 78701-1494.

If the amendment is faxed, submit one copy of each schedule pertinent to the amendment to either of the following fax numbers: (512) 463-9811 or (512) 463-7915.

The last day to submit an amendment to TEA is listed on the TEA Grant Opportunities page. An amendment is effective on the day TEA receives it in substantially approvable form. All amendments are subject to review and approval by TEA.

Part 2: When an Amendment Is Required

For all grants, regardless of dollar amount, prior written approval is required to make certain changes to the application. Refer to the "When to Amend" guidance posted in the Amendments section of the Division of Grants Administration Grant Management Resources page to determine when an amendment is required for this grant. Use that guidance to complete Part 3 and Part 4 of this schedule.

Part 3: Revised Budget

#	Schedule #	Class/ Object Code	A	B	C	D
			Grand Total from Previously Approved Budget	Amount Deleted	Amount Added	New Grand Total
2.	Schedule #8: Contracted Services	6200	\$	\$	\$	\$
3.	Schedule #9: Supplies and Materials	6300	\$	\$	\$	\$
4.	Schedule #10: Other Operating Costs	6400	\$	\$	\$	\$
5.	Schedule #11: Capital Outlay	6600/ 15XX	\$	\$	\$	\$
6.	Total direct costs:		\$	\$	\$	\$
7.	Indirect cost (%):		\$	\$	\$	\$
8.	Total costs:		\$	\$	\$	\$

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Schedule #4—Request for Amendment (cont.)

County-district number or vendor ID: 025-902

Amendment # (for amendments only):

Part 4: Amendment Justification

Line #	# of Schedule Being Amended	Description of Change	Reason for Change
1.			
2.			
3.			
4.			
5.			
6.			
7.			

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Schedule #5—Program Executive Summary

County-district number or vendor ID: 025-902

Amendment # (for amendments only):

Provide a brief overview of the program you plan to deliver. Refer to the instructions for a description of the requested elements of the summary. Response is limited to space provided, front side only, font size no smaller than 10 point Arial.

Brownwood Independent School District (BISD) is applying for the Technology Lending Program Grant (TLPG) because the district is in the 5th year of a one-to-one laptop lending program funded from local funds, ARRA funds, and TLPG funds; however student computers need to be updated so that these students have access to individual laptops outside the school day thus providing them with anytime/anywhere on-demand learning. For the last four years BISD's Technology Leadership Team (TLT) has analyzed the impact that the district's 1:1 technology has made by examining teacher surveys, holding focus groups with students and parents, and analyzing student achievement. Although many benefits have been documented, the single most important benefit is that 1:1 technology has allowed teachers to differentiate both in terms of how they teach and how the students are expected to demonstrate their learning. BISD teachers themselves report that before the 1:1 project, over half of their time was spent lecturing to entire classes, and they were unable to adapt to students' readiness levels or learning styles. These teachers report that they expected students to learn the material presented at whatever pace they determined or by the district curriculum. The teachers saw themselves as the one primary source of information in the room, along with resource materials such as encyclopedias or out-of-date textbooks. With 1:1 technology, teachers' assignments have become differentiated and individualized through the use of adaptive technology on a daily basis (*Connections Grant Evaluation Report, 2012*). Traditional assignments are now remade into meaningful projects, student writings are being published through blogs, experts are interviewed in the classrooms through Skype, students are doing online research, and writing assignments have increased more than 75% (*BISD Teacher Surveys*). **Development of Budget:** In the spring 2013, the Superintendent began soliciting feedback from stakeholders in the school district and the community regarding a School Improvement Plan. The Technology Leadership Team (TLT) composed of the Superintendent, representatives from the district-level, campuses, community members, business leaders and parents developed a comprehensive community and district needs assessment. Once the TLPG grant was announced this group provided guidance and insight during the planning stages and the development of this grant application by its members serving on various committees and deciding which campuses were most in need. The budget committee, led by the District Technology Director, addressed the fact that since BISD self-funds insurance on equipment and residential Internet access has already been addressed. Therefore, the committee developed a comprehensive budget that provided for: 1) technology devices that will provide access to digital content for students and 2) maintenance of equipment. Once this tentative budget was developed, it was presented to the entire TLT for input and approval. **Demographics of campuses related to the defined goals and purposes of the grant:** BISD is located in rural central Texas, 122 miles west of Waco and 165 miles southwest of Dallas, Texas. According to enrollment data BHS has a student enrollment of 1,357 students in 7th-12th grades. Approximately 499 of these students will be enrolled in 8th-9th grade during the 2014-15 school year. 5.7% of the students at BHS are African American; 35% Hispanic, and 55.8% White. 57.5% of the students are defined as Economically Disadvantaged and 41% are At Risk of dropping out of high school. 23% of the students in BHS have been enrolled in at least one other school district during the year. 13.3% of the population of Brownwood does not speak English at home and the per capita annual income is \$18,698, as compared to \$24,870 for the State of Texas. The unemployment rate for this area is 10.5% which is higher than the state at 7%. Approximately, 30.8% of the region's working age population do not have a high school diploma, and only 15.6% of the labor force had a bachelor's degree or higher as compared to 34.2% for Texas. Although these demographics look bleak, BHS has focused on the goals and purposes of the TLPG by engaging students in meaningful learning supported by modern digital tools, relevant technologies, tools and resources for personalized learning 24/7. 78% of BHS students have passed all sections of the STAAR test (above the state average), 82% of the students have been deemed College Ready by the TEA, and 50% of the high school students are enrolled in college classes. Technology has extended learning opportunities for BHS students beyond the walls of the classrooms. **Who Determines Needs Assessment Process:** The Technology Leadership Team (TLT) composed of the Superintendent, representatives from the district-level, campuses, community members, business leaders and parents use needs assessment instruments, teacher, parent and student feedback, and the Texas STaR Chart to determine technology integration needs in relation to the District's Strategic Goals and Objectives. Specifically, the results obtained from the TLT's survey and data are used: 1) to track and measure progress in meeting the district's strategic goals; 2) to plan the implementation of new programs or services needed to meet goals; 3) to increase the efficiency of existing programs and to adjust programs to meet current needs; 4) to obtain feedback from all key stakeholders regarding needs. **Management Plan:** The Technology Leadership Team recognizes that the effective administration and management of this program requires strong leadership skills, management experience,

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academic training and an understanding of disadvantaged communities. Given these essential characteristics, aptitudes and abilities, the **TLP** district administration will be provided by the TLPG Project Director (20%) who is currently the Instructional Technologist at Brownwood ISD. This position provides the overall technology integration leadership for the district. To ensure that the program receives consistently high-quality management on a day-by-day basis, the oversight will be administered by the Technology Director. **Program Evaluation:** Ongoing monitoring and continuous improvement will be ensured by the Project Director through the involvement of all stakeholders (campus principal, technology coordinators, curriculum coordinator and librarian) teachers, project staff, students and parents utilizing their experiences and suggestions to improve the effectiveness of the TLPG. In particular, the Project Director will utilize formal validated evaluation instruments to assess the following indicators: (1) To what extent are the activities of the proposed program being implemented as planned? (2) Are the objectives of the proposed program being met and leading towards Target Tech Status (STaR Chart)? (3) To what degree has the TLPG stimulated systemic changes in the teachers' and students' knowledge, skills, and practice as it relates to the STaR Chart and utilizing technology to improve the quality of education and academics? (4) To what degree has this 24/7 technology integration impacted student academic performance and achievement? (5) To what extent are online assessment tools effective in assisting teachers and students to gauge their own progress? (6) To what degree has the professional learning of administrators and principals motivated systemic alterations to practices as relates to teacher, student and parent support towards integration of technology? (7) To what extent has parent participation increased? This information will be collected ongoing by the Project Director and reported monthly to the TLT. In addition, quarterly the TLT will meet to discuss evaluation report results, lessons learned, challenges, accomplishments, and to incorporate any improvements to the design, delivery and content, of the program. The overall evaluation will be a multiple operation framework that will present and clarify, as appropriate, data outcomes to produce a comprehensive evaluation. Quantitative and qualitative methodologies will be used in data collection and analysis to determine which continuous improvement mechanisms will be implemented, if needed. **Statutory Requirements:** Texas Education Code 32.201 authorizes the Texas Education Agency to implement the Technology Lending Program Grant. Brownwood ISD has completely and accurately answered the requirements in the application. 1) BISD has described how it will use funds to enhance BISD's technology lending program that loans BISD's students equipment necessary to access and use electronic instructional materials. 2) BISD has purchased lending equipment through Instructional Materials Allotment and local funds for the last 3 years and has addressed in the TLPG application how the equipment from all funding sources has been and will continue to be used in a cohesive manner to support efforts to ensure students have dedicated access to a technology devices [TEC 32.201(b) (1-2)]. **TEA Requirements:** BISD has addressed the eleven (11) TEA Program Requirements in the TLPG in a thorough manner. BISD has described how the program aligns with BISD's existing mission and goals; how campuses were prioritized; how the program aligns with the current curriculum and policies; the electronic instructional materials in one or more foundation curriculum subjects in one or more grade levels; a description of professional development for teachers in the use of electronic materials that has already occurred; a description of the adequate district infrastructure; description of providing for Internet access to homes of students as needed; BISD's adequate technical support; the description of the check-out and check-in process; how BISD accounts for the technology lending equipment; and the development and implementation of a Technology Lending Agreement signed by parents or guardians of students and by the student addressing the responsible use and care of the equipment. **Commitment to Goals of TLPG:** There is a huge commitment to the goals of the TLPG as evidence by BISD's 4-year one-to-one technology project and the fact that millions of dollars in local funds have been dedicated to the project. 100% technology immersion has been a goal for BISD for over 10 years and the district's technology goals align perfectly with the TLPG Project – 24/7 technology access for all students. Grant activities and funding is coordinated with state technology funds, Title III, State Comp Ed, Migrant, ESL, Rider 55 and e-rate funds. E-Rate pays 81% of all land and cell phone bills (local and long distance), T-1 bills, maintenance on the network hardware and internet access bills. Any additional staff development will be paid through local funds.

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Schedule #6—Program Budget Summary

County-district number or vendor ID: 025-902			Amendment # (for amendments only):		
Program authority: General Appropriations Act, Article III, Rider 8, 83rd Texas Legislature; Texas Education Code, Chapter 31, Section 31.021(f) and Chapter 32					
Grant period: October 1, 2014, to August 31, 2016			Fund code: 410		
Budget Summary					
Schedule #	Title	Class/ Object Code	Program Cost	Admin Cost	Total Budgeted Cost
Schedule #8	Professional and Contracted Services (6200)	6200	\$194	\$	\$194
Schedule #9	Supplies and Materials (6300)	6300	\$	\$	\$
Schedule #10	Other Operating Costs (6400)	6400	\$	\$	\$
Schedule #11	Capital Outlay (6600/15XX)	6600/ 15XX	\$98,350	\$	\$98,350
Total direct costs:			\$98,544	\$0	\$98,544
Percentage% <u>indirect costs</u> (see note):			N/A	\$	\$1,456
Grand total of budgeted costs (add all entries in each column):			\$98,544	\$0	\$100,000
Administrative Cost Calculation					
Enter the total grant amount requested:					\$100,000
Percentage limit on administrative costs established for the program (15%):					× .15
Multiply and round down to the nearest whole dollar. Enter the result. This is the maximum amount allowable for administrative costs, including indirect costs:					\$15,000

NOTE: Indirect costs are calculated and reimbursed based on actual expenditures when reported in the expenditure reporting system, regardless of the amount budgeted and approved in the grant application. If indirect costs are claimed, they are part of the total grant award amount. They are not in addition to the grant award amount.

Indirect costs are not required to be budgeted in the grant application in order to be charged to the grant. Do not submit an amendment solely for the purpose of budgeting indirect costs.

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Schedule #8—Professional and Contracted Services (6200)

County-district number or vendor ID: 025-902

Amendment # (for amendments only):

NOTE: Specifying an individual vendor in a grant application does not meet the applicable requirements for sole-source providers. TEA's approval of such grant applications does not constitute approval of a sole-source provider.

Expense Item Description		Grant Amount Budgeted		
6269	Rental or lease of buildings, space in buildings, or land Specify purpose:	\$		
6299	Contracted publication and printing costs (specific approval required only for nonprofits) Specify purpose:	\$		
62XX	ESC charges as per approved cost allocation plan, such as internal service fund. To be completed by ESC only when ESC is the applicant. Check all that apply:	\$		
<input type="checkbox"/>	Salaries/benefits		<input type="checkbox"/>	Other:
<input type="checkbox"/>	Networking (LAN)		<input type="checkbox"/>	Other:
<input type="checkbox"/>	Computer/office equipment lease		<input type="checkbox"/>	Other:
<input type="checkbox"/>	Building use		<input type="checkbox"/>	Other:
<input type="checkbox"/>	Copier/duplication services		<input type="checkbox"/>	Other:
<input type="checkbox"/>	Telephone		<input type="checkbox"/>	Other:
<input type="checkbox"/>	Administrative		<input type="checkbox"/>	Other:
a. Subtotal of professional and contracted services (6200) costs requiring specific approval:		\$		

Professional Services, Contracted Services, or Subgrants Less Than \$10,000

#	Description of Service and Purpose	Check If Subgrant	Grant Amount Budgeted
1	Maintenance of Equipment	<input type="checkbox"/>	\$194
2		<input type="checkbox"/>	\$
3		<input type="checkbox"/>	\$
4		<input type="checkbox"/>	\$
5		<input type="checkbox"/>	\$
6		<input type="checkbox"/>	\$
7		<input type="checkbox"/>	\$
8		<input type="checkbox"/>	\$
9		<input type="checkbox"/>	\$
10		<input type="checkbox"/>	\$

b. Subtotal of professional services, contracted services, or subgrants less than \$10,000:

\$194

Professional Services, Contracted Services, or Subgrants Greater Than or Equal to \$10,000

Specify topic/purpose/service:		<input type="checkbox"/> Yes, this is a subgrant
Describe topic/purpose/service:		
Contractor's Cost Breakdown of Service to Be Provided		Grant Amount Budgeted
1	Contractor's payroll costs # of positions:	\$
	Contractor's subgrants, subcontracts, subcontracted services	\$
	Contractor's supplies and materials	\$
	Contractor's other operating costs	\$
	Contractor's capital outlay (allowable for subgrants only)	\$
Total budget:		\$

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Schedule #8—Professional and Contracted Services (6200)

County-District Number or Vendor ID: 025-902

Amendment number (for amendments only):

Professional Services, Contracted Services, or Subgrants Greater Than or Equal to \$10,000 (cont.)

2	Specify topic/purpose/service:		<input type="checkbox"/> Yes, this is a subgrant
	Describe topic/purpose/service:		
	Contractor's Cost Breakdown of Service to Be Provided		Grant Amount Budgeted
	Contractor's payroll costs	# of positions:	\$
	Contractor's subgrants, subcontracts, subcontracted services		\$
	Contractor's supplies and materials		\$
	Contractor's other operating costs		\$
	Contractor's capital outlay (allowable for subgrants only)		\$
Total budget:		\$	
3	Specify topic/purpose/service:		<input type="checkbox"/> Yes, this is a subgrant
	Describe topic/purpose/service:		
	Contractor's Cost Breakdown of Service to Be Provided		Grant Amount Budgeted
	Contractor's payroll costs	# of positions:	\$
	Contractor's subgrants, subcontracts, subcontracted services		\$
	Contractor's supplies and materials		\$
	Contractor's other operating costs		\$
	Contractor's capital outlay (allowable for subgrants only)		\$
Total budget:		\$	
4	Specify topic/purpose/service:		<input type="checkbox"/> Yes, this is a subgrant
	Describe topic/purpose/service:		
	Contractor's Cost Breakdown of Service to Be Provided		Grant Amount Budgeted
	Contractor's payroll costs	# of positions:	\$
	Contractor's subgrants, subcontracts, subcontracted services		\$
	Contractor's supplies and materials		\$
	Contractor's other operating costs		\$
	Contractor's capital outlay (allowable for subgrants only)		\$
Total budget:		\$	
5	Specify topic/purpose/service:		<input type="checkbox"/> Yes, this is a subgrant
	Describe topic/purpose/service:		
	Contractor's Cost Breakdown of Service to Be Provided		Grant Amount Budgeted
	Contractor's payroll costs	# of positions:	\$
	Contractor's subgrants, subcontracts, subcontracted services		\$
	Contractor's supplies and materials		\$
	Contractor's other operating costs		\$
	Contractor's capital outlay (allowable for subgrants only)		\$
Total budget:		\$	

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Schedule #8—Professional and Contracted Services (6200)

County-District Number or Vendor ID: 025-902

Amendment number (for amendments only):

Professional Services, Contracted Services, or Subgrants Greater Than or Equal to \$10,000 (cont.)

6	Specify topic/purpose/service:		<input type="checkbox"/> Yes, this is a subgrant
	Describe topic/purpose/service:		
	Contractor's Cost Breakdown of Service to Be Provided		Grant Amount Budgeted
	Contractor's payroll costs	# of positions:	\$
	Contractor's subgrants, subcontracts, subcontracted services		\$
	Contractor's supplies and materials		\$
	Contractor's other operating costs		\$
	Contractor's capital outlay (allowable for subgrants only)		\$
Total budget:		\$	
7	Specify topic/purpose/service:		<input type="checkbox"/> Yes, this is a subgrant
	Describe topic/purpose/service:		
	Contractor's Cost Breakdown of Service to Be Provided		Grant Amount Budgeted
	Contractor's payroll costs	# of positions:	\$
	Contractor's subgrants, subcontracts, subcontracted services		\$
	Contractor's supplies and materials		\$
	Contractor's other operating costs		\$
	Contractor's capital outlay (allowable for subgrants only)		\$
Total budget:		\$	
8	Specify topic/purpose/service:		<input type="checkbox"/> Yes, this is a subgrant
	Describe topic/purpose/service:		
	Contractor's Cost Breakdown of Service to Be Provided		Grant Amount Budgeted
	Contractor's payroll costs	# of positions:	\$
	Contractor's subgrants, subcontracts, subcontracted services		\$
	Contractor's supplies and materials		\$
	Contractor's other operating costs		\$
	Contractor's capital outlay (allowable for subgrants only)		\$
Total budget:		\$	
c. Subtotal of professional services, contracted services, and subgrants greater than or equal to \$10,000:		\$	
a. Subtotal of professional services, contracted services, and subgrant costs requiring specific approval:		\$	
b. Subtotal of professional services, contracted services, or subgrants less than \$10,000:		\$194	
c. Subtotal of professional services, contracted services, and subgrants greater than or equal to \$10,000:		\$	
d. Remaining 6200—Professional services, contracted services, or subgrants that do not require specific approval:		\$	
(Sum of lines a, b, c, and d) Grand total		\$194	

For a list of unallowable costs and costs that do not require specific approval, see the guidance posted on the Division of Grants Administration [Grant Management Resources](#) page.

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Schedule #9—Supplies and Materials (6300)

County-District Number or Vendor ID: 025-902

Amendment number (for amendments only):

Expense Item Description

63XX	ESC charges as per approved cost allocation plan, such as internal service fund. To be completed by ESC only when ESC is the applicant. Check all that apply:					Grant Amount Budgeted		
	<input type="checkbox"/>	Print shop fees	<input type="checkbox"/>	Technology-related supplies				
	<input type="checkbox"/>	Postage	<input type="checkbox"/>	Other:				
	<input type="checkbox"/>	Copy paper	<input type="checkbox"/>	Other:				
6399	Technology Hardware—Not Capitalized						Grant Amount Budgeted	
	#	Type	Purpose	Quantity	Unit Cost			
	1				\$	\$		
	2				\$			
	3				\$			
	4				\$			
	5				\$			
6399	Technology software—Not capitalized					\$		
6399	Supplies and materials associated with advisory council or committee					\$		
Subtotal supplies and materials requiring specific approval:						\$		
Remaining 6300—Supplies and materials that do not require specific approval:						\$		
Grand total:						\$		

For a list of unallowable costs and costs that do not require specific approval, see the guidance posted on the Division of Grants Administration [Grant Management Resources](#) page.

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Schedule #10—Other Operating Costs (6400)

County-District Number or Vendor ID: 025-902

Amendment number (for amendments only):

Expense Item Description		Grant Amount Budgeted
64XX	ESC charges as per approved cost allocation plan, such as internal service fund. To be used by ESC when ESC is the applicant. Check all that apply: <input type="checkbox"/> ESC-owned vehicle usage <input type="checkbox"/> Other: <input type="checkbox"/> Insurance <input type="checkbox"/> Other:	\$
6411	Out-of-state travel for employees (includes registration fees) Specify purpose:	\$
6412	Travel for students (includes registration fees; does not include field trips): Specific approval required only for nonprofit organizations. Specify purpose:	\$
6413	Stipends for non-employees (specific approval required only for nonprofit organizations) Specify purpose:	\$
6419	Travel for non-employees (includes registration fees; does not include field trips): Specific approval required only for nonprofit organizations Specify purpose:	\$
6411/ 6419	Travel costs for executive directors (6411); superintendents (6411); or board members (6419): Includes registration fees Specify purpose:	\$
6429	Actual losses that could have been covered by permissible insurance	\$
6490	Indemnification compensation for loss or damage	\$
6490	Advisory council/committee travel or other expenses	\$
6499	Membership dues in civic or community organizations (not allowable for university applicants) Specify name and purpose of organization:	\$
6499	Publication and printing costs—if reimbursed (specific approval required only for nonprofit organizations) Specify purpose:	\$
Subtotal other operating costs requiring specific approval:		\$
Remaining 6400—Other operating costs that do not require specific approval:		\$
Grand total:		\$

In-state travel for employees does not require specific approval. Field trips consistent with grant program guidelines do not require specific approval. See [TEA Guidelines Related to Specific Costs](#) for more information about field trips. For a list of unallowable costs and costs that do not require specific approval, see the guidance posted on the Division of Grants Administration [Grant Management Resources](#) page.

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Schedule #11—Capital Outlay (6600/15XX)

County-District Number or Vendor ID: 025-902

Amendment number (for amendments only):

15XX is only for use by charter schools sponsored by a nonprofit organization.

#	Description/Purpose	Quantity	Unit Cost	Grant Amount Budgeted
6669/15XX—Library Books and Media (capitalized and controlled by library)				
1		N/A	N/A	\$
66XX/15XX—Technology hardware, capitalized				
2	Laptop Computers	85	\$1050	\$89,250
3	Laptop Computers	26	\$350	\$9,100
4			\$	\$
5			\$	\$
6			\$	\$
7			\$	\$
8			\$	\$
9			\$	\$
10			\$	\$
11			\$	\$
66XX/15XX—Technology software, capitalized				
12			\$	\$
13			\$	\$
14			\$	\$
15			\$	\$
16			\$	\$
17			\$	\$
18			\$	\$
66XX/15XX—Equipment, furniture, or vehicles				
19			\$	\$
20			\$	\$
21			\$	\$
22			\$	\$
23			\$	\$
24			\$	\$
25			\$	\$
26			\$	\$
27			\$	\$
28			\$	\$
66XX/15XX—Capital expenditures for improvements to land, buildings, or equipment that materially increase their value or useful life				
29				\$98,350
Grand total:				\$98,350

For a list of unallowable costs, as well as guidance related to capital outlay, see the guidance posted on the Division of Grants Administration [Grant Management Resources](#) page.

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Schedule #12—Demographics and Participants to Be Served with Grant Funds

County-district number or vendor ID: 025-902

Amendment # (for amendments only):

Part 1: Student Demographics. Enter the data requested for the population to be served by this grant program. If data is not available, enter DNA. Use the comments section to add a description of any data not specifically requested that is important to understanding the population to be served by this grant program.

Total enrollment: 1,357

Category	Number	Percentage	Category	Percentage
African American	67	N/A	Attendance rate	95.46%
Hispanic	538	N/A	Annual dropout rate (Gr 9-12)	6%
White	725	N/A	TAKS met 2011 standard, all tests (sum of all grades tested; standard accountability indicator)	N/A
Asian	8	N/A	TAKS commended 2011 performance, all tests (sum of all grades tested)	N/A
Economically disadvantaged	845	62%	Students taking the ACT and/or SAT	N/A
Limited English proficient (LEP)	14	1%	Average SAT score (number value, not a percentage)	N/A
Disciplinary placements	26	2%	Average ACT score (number value, not a percentage)	N/A

Comments

Part 2: Students to Be Served with Grant Funds. Enter the number of students in each grade, by type of school, projected to be served under the grant program.

School Type	PK (3-4)	K	1	2	3	4	5	6	7	8	9	10	11	12	Total
Public									254	242	257	222	202	180	1,357
Open-enrollment charter school															
Public institution															
Private nonprofit															
Private for-profit															
TOTAL:									254	242	257	222	202	180	1,357

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Schedule #13—Needs Assessment

County-district number or vendor ID: 025-902

Amendment # (for amendments only):

Part 1: Process Description. A needs assessment is a systematic process for identifying and prioritizing needs, with "need" defined as the difference between current achievement and desired or required accomplishment. Describe your needs assessment process, including a description of how needs are prioritized. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

BISD continuously solicits feedback from its stakeholders as to the needs of the district in an organized and comprehensive manner. In order to ensure buy-in from all stakeholders the Technology Leadership Team (TLT) is composed of the Superintendent, representatives from the district-level, campuses, community members, business leaders and parents. This needs assessment process systematically reviews current practices, processes, and systems within BISD as well as examines and analyzes the state of current student achievement, and set goals for student achievement. The TLT is organized into committees with each focused on gathering and analyzing data. The committees determine which data should be collected to provide the most information regarding the strengths and needs of the district. The needs assessment became the tool that guided meaningful district and campus planning.

Process to identify and prioritize the needs of the campuses:

A School Profile at each campus was created by collecting baseline or comparison data across multiple years to identify patterns, trends, strengths, and the needs of each campus. A full scan of each campus' technology environment provided information to be collected and analyzed for the needs assessment via the following activities:

- Individual and group interviews with the principal, assistant principal, counselor, teachers, parents and students (when age appropriate) regarding technology integration
- Pre-assessment survey feedback from stakeholders that included teachers, parents, and students
- The number of students who have access to a technology devices at their campus
- The percent of economically disadvantaged students at each campus who have access to technology devices
- STAAR test scores and TPRI scores as well as benchmark assessments (aggregate for subgroups, dropout rates, student mobility, attendance rates, and graduation rates)
- Technology instruction issues were examined, including alignment with TEKS and STAAR
- Professional development needs of teachers were examined to determine teacher readiness for devices
- Ratio of technology devices to students needing devices on each campus

The TLT performed a "GAP" Analysis to check the actual performance of students against the TEA Phase-In standards. Another committee determined the current state of technology skills, knowledge, and abilities of teachers and staff members as well as organizational goals of teachers. By using multiple data sources to compare data, priority needs emerged. These priority needs assisted the TLT to make informed decisions that ensure that all students meet challenging academic standards, meet district and campus goals, and are prepared for post secondary education.

- The "Gap" Analysis produced a large list of needs for staff training and development, organizational development, and student interventions. Next, the committee determined if the needs were real, if they were worth addressing, and their importance and urgency was detailed.
- Causes for student performance problems were identified based on reoccurring trends.
- Growth opportunities for staff were identified based on interviews with staff, surveys, and data collection
- The recommendations from the TLT committees were communicated to the entire TLT and the task of prioritizing the needs was done by the entire TLT over numerous meetings.
- It was determined that the students at Brownwood High School would benefit most from the TLPG. A timeline that included the description of the general prioritized steps and activities to be implemented were developed and disseminated to the campuses.

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Schedule #13—Needs Assessment (cont.)

County-district number or vendor ID: 025-902

Amendment # (for amendments only):

Part 2: Alignment with Grant Goals and Objectives. List your top five needs, in rank order of assigned priority. Describe how those needs would be effectively addressed by implementation of this grant program. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

#	Identified Need	How Implemented Grant Program Would Address
1.	There is a need to decrease the gap between the knowledge and skills students are acquiring in schools and the knowledge and skills needed to succeed in the increasingly global, technology infused 21st century workplace (BISD District Improvement Plan).	Students will have access to the latest technology so that teachers are be able to connect these BHS students with experts in high-tech industries and businesses to understand the skills needed to work in those fields.
2.	There is a need for students to acquire a range of skills to express themselves not only through paper and pencil, but through audio, video, animation, design software as well as a host of new environments (e-mail, Web sites, message boards, blogs, streaming media, etc.).	Increased access to the latest technology will provide students with the devices they need to develop skills in technology audio, video, animation, software design and other technology environments that lead to higher paying jobs.
3.	There is a need for teachers to increase flexible teaching methods and curriculum materials that can reach diverse learners and improve student access to the general education curriculum, including learners with disabilities and English Language Learners.	Individual technology devices allow teachers the ability to present information to students in multiple formats and multiple media. Students with disabilities and ELL students now have multiple ways to express and demonstrate what they have learned thus providing multiple entry points to engage student interest.
4.	There is a need to decrease the number of students at BHS who are required to take college remediation courses upon entering higher education (50%) [Texas Academic Performance Report]	The individual technology devices for students provides teachers the ability to work individually and collectively to examine outcomes-based achievement data, formative assessment measures of student performance, and students' work products, and to develop strategies for improvement based on this data. Technology makes this data become meaningful to teachers so they can use the data for accelerated learning for students.
5.	There is a need to increase parental involvement at BHS for all groups of students.	The Technology Lending Program has the ability to focus parents' attention on communicating with teachers by e-mail, voice messages, web sites, and blogs all used to communicate with parents. Student information systems that parents can access to see their child's attendance, grades, missing assignments will increase parental involvement. A Parent Personal Learning Network will share resources with parents and connect them to other parents who can help them. The BHS and BMS websites will have information, resources, and links for parents.

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Schedule #14—Management Plan

County-district number or vendor ID: 025-902

Amendment # (for amendments only):

Part 1: Staff Qualifications. List the titles of the primary project personnel and any external consultants projected to be involved in the implementation and delivery of the program, along with desired qualifications, experience, and any requested certifications. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

#	Title	Desired Qualifications, Experience, Certifications
1.	TLPD Project Director	Bachelor's Degree in Education or education related field; at least five years experience in technology integration of mobile devices and curriculum; supervisory experience of medium teams; experience in fiscal/budget management, and data reporting.
2.	TLPD Coordinator	Bachelor's Degree in Education or education related field; at least five years experience in technology integration of mobile devices and curriculum; supervisory experience of medium teams
3.	Technology Integration Specialists	Bachelor's Degree in Education or education related field; at least three years experience in technology integration of mobile devices and curriculum; supervisory experience of medium teams

Part 2: Milestones and Timeline. Summarize the major objectives of the planned project, along with defined milestones and projected timelines. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

#	Objective	Milestone	Begin Activity	End Activity
1.	Increase 8 th & 9 th grade students' access to digital courses, tools, and support services to increase academic performance in core subjects through wireless laptops	1. Project Director will meet with staff to explain the project, expectations, procedures & timelines	10/1/2014	10/31/2014
		2. Purchase 105 laptop computers	10/8/2014	11/3/2014
		3. The TLT will establish a checkout & in procedure	10/6/2014	11/3/2014
		4. Issue laptops to students hold orientation	11/10/2014	11/21/2014
		5. Project Director will continuously monitor project	10/1/2014	8/31/2016
2.	100% of 8 th & 9 th grade teachers will utilize digital textbooks and other digital materials in course content	1. Technology Integration Specialists will visit classrooms to assist teachers with digital textbooks	11/10/2014	8/31/2016
		2. Core content teachers will work in PLCs to address digital textbook issues/concerns	11/10/2014	8/31/2016
		3. Teachers will work in PLCs to develop strategies for other online instructional materials	11/10/2014	8/31/2016
3.	8 th Grade STAAR & EOC scores will increase by 10% for ED & learning disabled students	1. Monitor Econ Disadvantaged & learning disabled students' progress	11/10/2014	8/31/2016
		2. Hold after school technology parent workshops	11/10/2014	8/31/2016
		3. Hold tutorials for students needing assistance	11/10/2014	8/31/2016
4.	The number of eligible EC students who have Internet access at their residence will increase	1. Publicize all facilities in Brownwood and surrounding communities that provide free Wifi	10/8/2014	11/3/2014
		2. Hold Thursday Study Nights so students can use school district Wifi connections	11/10/2014	11/21/2014
		3. Work with families on a case-by-case basis to provide Internet home access	5/10/2014	8/31/2016
5.	Parent involvement will increase by 20% for parents of 9 th grade students	1. Hold after school technology parent workshops	10/8/2014	11/3/2014
		2. Communicate with parents through emails; blogs, websites	11/10/2014	8/31/2016
		3. Survey parents to gather information	5/10/2014	8/31/2016

Grant funds will be used to pay only for activities occurring between the beginning and ending dates of the grant, as specified on the Notice of Grant Award.

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Schedule #14—Management Plan (cont.)

County-district number or vendor ID: 025-902

Amendment # (for amendments only):

Part 3: Feedback and Continuous Improvement. Describe the process and procedures your organization currently has in place for monitoring the attainment of goals and objectives. Include a description of how the plan for attaining goals and objectives is adjusted when necessary and how changes are communicated to administrative staff, teachers, students, parents, and members of the community. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

Ongoing monitoring and continuous improvement will be ensured by the Project Director through the involvement of all stakeholders, partners, collaborators, administrators (superintendent, technology coordinator, campus principal, librarian and counselor), teachers, project staff, students and parents utilizing their experiences and suggestions to improve the effectiveness of the proposed **TLP**. In particular, the Project Director, in coordination with the Technology Leadership Team will utilize evaluation instruments to assess the following indicators: (1) to what extent are the activities of the proposed program being implemented as planned? (2) Are the objectives of the proposed program being met? (3) What is the quality and responsiveness of the digital textbooks, tools, and resources to meet the needs of the participants? (4) to what degree has the proposed program stimulated systemic changes in the teacher knowledge, skills, and practice as it relates to utilizing technology to improve the quality of education; (5) to what degree has this behavior impacted student achievement? (6) to what extent are online assessment tools effective in assisting teachers and students to gauge their own progress? and (8) to what extent has parent participation increased. Information will be collected on-going by the Project Director and reported monthly to project staff. In addition, monthly the Technology Leadership Team will meet to discuss evaluation report results, lessons learned, challenges, accomplishments, and to incorporate any improvements to the design, delivery, content, and performance measures of the program. The overall evaluation will be a multiple operation framework that will present and clarify, as appropriate, data outcomes to produce a comprehensive evaluation. Quantitative and qualitative methodologies will be used in data collection and analysis, based on which continuous improvement mechanisms will be implemented.

Part 4: Sustainability and Commitment. Describe any ongoing, existing efforts that are similar or related to the planned project. How will you coordinate efforts to maximize effectiveness of grant funds? How will you ensure that all project participants remain committed to the project's success? Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

Since 2008, Brownwood ISD has been on a journey to immerse the students and teachers in technology by providing all teachers and as many students as possible a wireless mobile computing device to ensure on-demand technology access at home and at school. The BHS technology immersion project was funded through local and ARRA stimulus funding. BHS has implemented projects similar to this project. First, implementation was done with grant funds (**Vision 2020, Target Tech in Texas – T3, and The Connections Grant**) at Brownwood Middle School, Brownwood Intermediate and Coggin Elementary School. These projects immersed teachers and students in technology, productivity, communication and presentation software as well as professional development and ongoing technical and pedagogical support. The **Vision 2020** and the **T3** grant final evaluations documented success in raising student achievement. The **Connections Grant**, which ended in September 2012, showed an increase in student achievement and an increase in campus STaR Chart scores. In August 2012, BHS received the Technology Lending Grant Program administered through ESC 10 and was able to provide 9th grade students with on-demand access to all appropriate digital resources and technologies to complete activities that had been integrated into the core content areas and providing learning opportunities beyond the classroom walls. BHS will continue to coordinate efforts to maximize effectiveness of grant funds by using the extensive staff development that has been done in the previously mentioned grants to make this project successful. Over the last 4 years, each BHS staff member has attended 330 hours of technology training designed to assist staff in integrating technology effectively into classroom instruction. Implementing an effective Technology Lending Program (TLP) as part of a well-designed technology plan requires support and buy-in from all stakeholders including school administrators and leaders at the district as well as the campus level. By participating in the TLP, administrators at both the district and campus level have agreed and committed to BHS by signing a Letter of Commitment stating that administrators including at the district level administrator and the principal and assistant principal at the Brownwood High School campus will commit to the project's success.

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Schedule #15—Project Evaluation

County-district number or vendor ID: 025-902

Amendment # (for amendments only):

Part 1: Evaluation Design. List the methods and processes you will use on an ongoing basis to examine the effectiveness of project strategies, including the indicators of program accomplishment that are associated with each. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

#	Evaluation Method/Process	Associated Indicator of Accomplishment	
1.	Number of 9 th grade students who received a wireless mobile computing device through TLP	1.	Laptop check-in/check-out log
		2.	Increased EOC scores
		3.	Increase in the number of students using digital textbooks
2.	10% increase in courses and/or classrooms using digital content in lieu of textbooks	1.	Laptop check-in/check-out log
		2.	Increased EOC scores
		3.	Increase in the number of students using digital textbooks
3.	Percentage of students who have mastered grade-appropriate technical applications TEKS (STaR Chart TL5)	1.	Campus STaR Chart results increase from 3 to 4
		2.	Increased enrollment in STEM courses
		3.	Increase in student attendance rate by 1%
4.	10% increase in electronic communication between parents and teachers/administrators as evidence by email	1.	Reports of website visits
		2.	Reports of user login
		3.	Parent involvement report
5.	Increase STaR Chart from Advanced Tech to Target Tech	1.	Campus STaR Chart Report for 2014-15 (from 21 to 22-total)
		2.	Increase TL3 (most students apply technology across all subject areas) from a 3 to a 4
		3.	Increase the number of digital textbooks offered to students

Part 2: Data Collection and Problem Correction. Describe the processes for collecting data that are included in the evaluation design, including program-level data such as program activities and the number of participants served, and student-level academic data, including achievement results and attendance data. How are problems with project delivery to be identified and corrected throughout the project? Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

The processes for collecting data included in the evaluation design is an ongoing process and began with BHS developing a Needs Assessment Summary and Improvement Plan as part of the Technology Leadership Team (TLT). It is our goal to conduct the needs assessment to identify strengths, needs and priority areas of focus but extend beyond reviewing student achievement data to assessing the needs of the entire campus. The TLT has worked together to identify specific goals for Brownwood Middle and High Schools based on Texas Academic Performance Report (TAPR). 39.4% of the students at BHS were enrolled in remediation courses their first year at an Institute of Higher Education. 24% of 8th graders will need Accelerated Instruction in reading and math and over half of the minority students in the district will need acceleration in reading and math. Attendance for students at the middle and high school campuses does not meet the state average of 96.6% in any subgroup. The following data is collected at the campus level : 1) pre-post tests; 2) standardized open-ended interview/surveys of teachers and administrators; 3) classroom observations by principal, MT, Mentors; 4) professional development surveys (after each session and self-assessment of educator (annually); and 5) percentage of participating students who achieve significant gains on an assessments; 6) number of students with improved performance in assessments; 7) percentage of participating 3-8th grade students who meet or exceed proficiency on the STAAR in the areas of reading and writing (2011-2013) and 9-11 End of Course Exams. Any problems uncovered with project delivery will be identified and corrected through the Root Cause Analysis method. As a part of goal identification, the campus is able to identify the number and names of students they need to help reach proficiency. Root-cause analysis assists the campuses in identifying all possible interactions that could be contributing to the area of concern. This data will be used to inform decisions and improve implementation of the program by: 1) Analyzing data at different levels: all personnel will receive training through the program in accurately interpreting data and utilizing data to inform instructional decisions for each child. 2) Extensive professional development: data collection and analysis will be conducted. 3) Teacher Effectiveness: Principals and administrators will collect and monitor teacher performance data through Eduphoria and teacher observations from multiple evaluators. With access to clear progress data and reports, administrators will be able to identify improvement targets and personalize professional development to help teachers deliver instruction that promotes increased achievement among all students in their classes. This will directly impact accountability for the program because administrators will have the information and time needed to create differentiated professional development plans for teachers to ensure that they have all the support they need.

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Schedule #16—Responses to Statutory Requirements

County-district number or vendor ID: 025-902

Amendment # (for amendments only):

Statutory Requirement 1: Applicant must describe how it will use funds to implement or enhance a technology lending program to loan students the equipment necessary to access and use electronic instructional materials. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

Currently Brownwood High School (BHS) has an established technology lending program that has been funded through local funds and previous grants (TLPG 2012) for the last 5 years (4 points). With the 2014-16 TLPG each Brownwood ISD 8th & 9th grade student at school and at home will be immersed in technology by being provided one wireless mobile computing device (an Apple MacBook wireless-ready laptop computer). The TLGP will be implemented at BHS for 9th graders, and at BMS for 8th graders. Using lessons learned from previous technology immersion projects, a timeline for technology integration has been established and will be fully implemented and will offer a rigorous curriculum by October 1, 2014. The same policies and procedures for the TLGP will be implemented at both campuses (4 points).

BISD's TLGP 2014-16 loan program will be implemented at grades 8 and 9 in the following manner:

1) Beginning in August 2014, BISD Technology Integration Specialists and master teachers will deliver professional development in integrating technology into teaching, learning, and the curriculum for teachers new to the campus or district. Professional development grounded in sound learning theory and emphasizing technology integration into the teaching and learning process allows educators to visualize, internalize and create technology-enhanced learning environments. 99% of the teaching staff has already attended more than 330 hours per teacher from training ranging from Apple Out of Box training to technology integration workshops (both in small groups and individually) to Exploring Apps and Apple Challenge Based Learning. 2) Each teacher currently has a laptop computer; however, 8th and 9th grade students will receive their device by November, 2014. (8 additional points). The wireless mobile computing device allows teachers and students to have on-demand access to teaching and learning tools regardless of location. 3) By January 2015, productivity, communication, and presentation software including word processing, spreadsheet, presentation, Internet browsing and e-mail software will allow teachers and students to use technology as a tool for learning, communication and expression. 4) Students will have access to digital textbooks in the core curriculum areas of English language arts, mathematics, and science. Other resources such as Study Island, Discover Education streaming and TurnItIn will provide for more engaged, relevant, and personalized learning. Interacting with these resources allows students to build new knowledge and visualize difficult-to-understand concepts. 5) Online formative assessment tool such as Eduphoria, e-Instruction, and Insight 360 software provide teachers and students a means for informed learning by delivering instant, meaningful data about proficiency. During staff development teachers have already learned to integrate online formative assessment into their daily teaching practice and will learn how to utilize this data-driven decision making to support instruction. Teachers have also been trained to customize instruction and implement appropriate intervention strategies based on this data. 6). Campus-based ongoing technical support is critical to the comfort level of teachers and students as they embark on technology immersion projects. Teacher training will sustain the effort over time and beyond the TLPG project timeline. "One stop" technical support for all components of the technology immersion package beyond campus support is critical for teachers to fully immerse students in a technology-integrated classroom. The immersion of technology will transform the learning environment to allow students daily access to technology to become more self-determined learners through the acquisition of information and communication skills, thinking and problem solving skills, and interpersonal and self-directional skills.

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Schedule #16—Responses to Statutory Requirements

County-district number or vendor ID: 025-902

Amendment # (for amendments only):

Statutory Requirement 2: If the applicant has already purchased, or is also purchasing, lending equipment through other funding sources such as the Instructional Materials Allotment, the applicant must describe how equipment from all funding sources will be used in a cohesive manner to support efforts to ensure students have dedicated access to a technology device. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

Equipment Currently Available: In 2009, Brownwood ISD began a one-to-one immersion of technology at Brownwood High School (BHS) through local funds and ARRA Stimulus funds with a goal of providing a laptop computer to each student in grades 9-12. That fall, Apple laptops computers were issued to all students at BHS (9-12). One year later, with funds from the Vision 2020 grant and the Connections Grant the 1:1 initiative was extended to 8th grade and on into 7th grade. In an effort to make sure that BHS students have the most up-to-date technology available, BHS's technology plan originally outlined a plan for recycling the laptops. After four years of use, the laptops originally issued to students who were 2012 graduates would then be passed to lower grades and new laptops would be purchased for incoming 9th graders. Currently there are 260 9th graders and BHS will purchase 185 laptops through IMA and local funds. The remaining 85 laptops would be purchased with Technology Lending Program Funds. This will allow for all 260 9th grade students to have an updated individual laptop computer. Laptops will also be purchased for 8th grade students to replace end-of-life laptops. These 25 replacement computers will allow 250 8th grade students to have an individual laptop computer.

Since IMA funds can be used to adopt electronic instructional materials as a means of transforming learning this can only be realized if all students have access to personal technology devices and the Internet outside the school day. The Technology Leadership Team (TLT) recommended to the IMA committee that \$90,000 be used to purchase 85 laptops for 9th grade students. Technology Lending Program funds would purchase 85 laptops for BHS students and 26 for BMS students, leaving the district to purchase approximately 100 laptops so that all 8th and 9th graders will have access to technology on a personal and individual basis. The combination of IMA funds, grant funds, and local funds will be used in a cohesive manner to support the 1:1 initiative for 9th grade students at BHS and 8th grade students at BMS. Therefore, two campuses will participate in the Technology Lending Program Grant and two campuses have an established technology lending program in Brownwood ISD.

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Schedule #17—Responses to TEA Program Requirements

County-district number or vendor ID: 025-902

Amendment # (for amendments only):

TEA Program Requirement 1: Applicant must describe how the lending program aligns with existing mission and goals of the public school district or open-enrollment charter school. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

In deciding whether to apply for the TLGP, the Technology Leadership Team (TLT) first examined the existing mission statement as well as the goals of the district to make sure that the two aligned. BISD's mission of preparing graduates for productive citizenship and life-long success and the district's goals of *"graduates will be academically prepared to complete a post-secondary educational program or enter the workforce in a highly skilled occupation and the district will increase educational delivery systems through the use of technology"* aligned perfectly with the intent of the TLPG program. The TLT also examined the Brownwood ISD Technology Plan (on file with TEA) and the campus STaR Charts. The technology plan specifically supports the broader provision of digital access to content as well as human resources, and these goals align well with the district plan and the Technology Application TEKS proficiency. BISD's technology plan emphasizes the vital importance of learners using technology to make curriculum connections inside and outside the traditional classroom. The TLGP concentrates on providing 24/7 access to students to technology as well as instructional materials-technological lesson extension activities relating to core content areas. By expanding student and teacher access to TEKS-aligned curriculum content as well as emphasizing instructional tasks which require the creation of new synthesized knowledge products, students can be better engaged to realize high levels of student achievement. It is evident through the district and technology plans for the district that Brownwood ISD recognizes that we are living in a rapidly changing, advanced technological society and it is the district's responsibility to support all staff and prepare all students with the technology skills necessary to be a successful, life-long learner.

- Each student will be competent in using information technology to be a successful, life-long learner.
- Information technology will be incorporated broadly into curricula and instructional practices to improve the educational program for all students.
- All school community learners, students and staff, will have access to information technology & support.
- Setting Technology goals, monitoring and evaluating our Technology plan on an ongoing basis is vital to our success.

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Schedule #17—Responses to TEA Program Requirements

County-district number or vendor ID: 025-902

Amendment # (for amendments only):

TEA Program Requirement 2: Applicant must describe how it will prioritize campuses with the highest need for a technology lending program. Applicant must also describe how it will ensure access to lending equipment and residential access to the Internet among students who have the greatest need. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

District stakeholders from the Technology Leadership Team (teachers, student, parents, community members and administrators) prioritized data to determine the campus with the greatest need for the lending program. First, the TLT examined campus, subject area and grade levels needs by looking at a campus technology profile for each campus that was submitted to the TLT. This campus technology profile addressed the following areas: 1) detailed individual student access to personal technology devices that are currently available at the campus; 2) the prior staff development and training of the teachers at the campus; 3) access to digital programming from TEA and the district; 4) AEIS information such as dropout rates, attendance, and college readiness; 5) Campus STaR Chart information to determine campus commitment to technology integration. Campus representatives were asked to rank their need for this project at their campus on a scale of 0-5, with 0 being "no need" and 5 being "extreme need". Next, the TLT researched the current literature and found compelling research stating that high school is a critical point in a young person's life and high school graduation launches the journey of pursuing higher education goals and future career paths, determining the course his or her life will take. If an interest for STEM-related curricula has not materialized by the time a student completes high school, the odds are high that they never will. Tomorrow's workforce will be dominated by STEM occupations- employment in science and math occupations will grow 70 percent faster than the overall growth for all occupations. (Bureau of Labor Statistics, 2012). After analyzing all the data, the TLT determined that the 9th grade at Brownwood High School had the greatest need for a total 1:1 immersion. Currently there are 260 9th graders and BISD will purchase 185 laptops through IMA and local funds. The remaining 85 laptops would be purchased with Technology Lending Program Funds. This will allow for all 290 9th grade students to have an updated individual laptop with anywhere/anytime access and learning. Furthermore, by integrating technology and digital tools into the 8th and 9th grade curricula will create classrooms and environments that spur student interest, especially in STEM areas. A large percentage of the students at both campuses (59%) are economically disadvantaged and according to student and parent surveys, 35% of these economically disadvantaged students do not have computers at home. These students have limited opportunities to access technology once they are away from the school. Therefore, a project management system to efficiently check out and check in laptop computers will be developed through BISD's Technology Department that will expand access to technology for students who are economically disadvantaged, at risk for not graduating high school, and students with disabilities. Equitable access of technology for these students will be monitored by the Director for Technology and reported regularly at the Technology Leadership Team (TLT) meetings. BISD will work with parents and students on a case-by-case basis to determine the best way to provide students with home access.

Residential Access: As BISD administrators and technology staff were initially investigating the 1:1 laptop initiative, the concern for providing Internet access to homes of students was a concern. Knowing that there is a population of students that live in the extreme rural areas of the school district, the TLT extensively investigated Internet access to students' homes by surveying parents and students as well as input from community and staff members. The city of Brownwood is only 12.5 square miles and with a major university, Howard Payne, in the community, Internet access is always available for students in the city. According to parent and student surveys, 85% of homes have Internet access. However, Brownwood ISD covers 139.14 square miles. There is a population of students who live on rural area farms and ranches or around the lake area of the community. The only Internet-provider in these areas, according to the TLT's research, is national satellite providers or in some cases an Internet provider who requires home phone service in order to have Internet access. BISD's plan to handle this situation has been and will continue to be a concerted effort to publicize all facilities in Brownwood and surrounding communities that provide free wifi access. This is currently being done through brochures, on the school website, at parent meetings, and signs displayed around the town and community. BHS also works with area churches who provide sessions such as Thursday Study Nights so students can have a safe environment to use their laptops and receive tutoring assistance from community members. If a student does not have Internet access, BISD will work directly with the student and their parents on a case-by-case basis to determine the best way to provide the student with home access.

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Schedule #17—Responses to TEA Program Requirements (cont.)

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Amendment # (for amendments only):

TEA Program Requirement 3: Applicant must describe how the lending program aligns with current curriculum, instruction, and classroom management policies and/or practices on its participating campus(es). Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

The TLPG aligns perfectly with the current curriculum, instruction, and classroom management policies on the campuses at BISD. At the beginning of the one-to-one initiative, BISD's District Improvement Team developed a local curriculum framework. This committee was composed of administrators, teachers and school staff, parents, students (when appropriate), and community members with members of the Technology Leadership Team (TLT) on the committee. The goal of the committee was to develop a standards-based curriculum that would increase student learning and promote higher student achievement. Over the four years, BISD has revised the curriculum to embrace project based learning strategies as well as methods for ongoing, authentic assessment. The purpose of the curriculum redesign was to utilize one-to-one technology to expand opportunities for students and teachers. The curriculum redesign integrated the use of technology as a regular part of daily classroom instruction and aligned the Texas Essential Knowledge and Skills (TEKS) so that students will be engaged in project-based, collaborative activities through software tools such as online learning environments and learning management systems as well as a Wikis. Technology tools are consistently used by teachers and students not only to access and consume information, but to permit students to create, communicate, and collaborate with others as they create a digital portfolio of online work that represents their knowledge, skills, abilities, and dispositions. The revised curriculum provided course pacing so individual students may work as quickly or as slowly as they need. Some students work independently; others need to work directly with the teacher. Through collaboration and coaching from the technology specialists, our students have become more self-directed, independent learners. Where instruction previously was primarily didactic and textbook focused, instruction has become more interactive with students taking a more engaged, pro-active role in their learning. Effective teaching for all students is supported by access to a wide range of relevant, high-quality educational content. Furthermore, appropriate tools, such as online learning environments and learning management systems, has enabled teachers and students to access, manage, use, create, and distribute content easily and efficiently. The effective use of well-designed digital content across a broad range of learning activities has been integrated into the curriculum redesign for the purpose of student engagement and student learning outcomes. Technology integration by teachers has been encouraged and sustained as evidenced by administrator expectations during teacher evaluations and walk-throughs as well as an increase in STAAR scores.

Although classroom management policies have been revised to include student management of digital devices, the 425 Discipline Action Data Report from PEIMS documents that referrals outside the classroom for discipline actions has decreased by 25% since 2011. Using technology involves students in the learning process so students become active in the learning process instead of passive listeners. Project based learning is a creative process and using technology has reduced discipline problems and has allowed students to take ownership of their work. Since our students are empowered to find their own answers, the learning process becomes much more interesting. Technology allows opportunities for multimedia and interactivity that are impossible with more traditional instructional techniques. Administrators also have found that classroom technology provides greater opportunities for differentiation for students and are conducive to individual students' learning styles. BISD administrators and evaluations from previous grant projects have shown that these factors have aided in the reduction of student discipline referrals.

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Schedule #17—Responses to TEA Program Requirements (cont.)

County-district number or vendor ID: 025-902

Amendment # (for amendments only):

TEA Program Requirement 4: Applicant must describe how it is using electronic instructional materials in one or more foundation curriculum subject area(s) for one or more grade level(s). Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

Brownwood ISD has adopted and will be using digital content during the timeframe of this grant and beyond for the following grade levels and foundation subject areas:

7 th Grade	8 th Grade	9 th Grade	10 th Grade	11 th Grade	12 th Grade
Math	Math & Algebra I	Algebra I/Algebra II	Algebra II	Algebra II	Algebra II
English	English	Literature	Literature	Literature	
Science	Science	Geometry	Geometry	Geometry	Geometry
		Biology	Chemistry	Physics	History-The British Tradition

Minutes from the IMA meetings as well as documentation from the Textbook Division of TEA document that BISD has adopted the digital textbooks mentioned above.

The Technology Learning Team (TLT) examined school improvement efforts of the last decade and concluded that the narrow, piecemeal attempts made in the past to improve BISD schools lacked the fundamental supportive cultures and conditions necessary for achieving significant gains in teaching and learning. Too often teachers worked in their own isolated classrooms, struggling with the needs of challenging students, lacking the productive interaction with colleagues, and were often overwhelmed with the implementation of electronic instructional materials into the instructional curriculum.

Even after 4 years of staff development and training, BISD has pockets of teachers (some new to the district) that remain ill-prepared and lack the skills to challenge students by offering high-quality intellectual learning tasks through electronic instructional materials. To address these issues, BISD has created an online professional learning community (PLC) composed of teachers and students. The online PLC enables educators to improve their use of electronic instructional materials and strategies and learn to become more effective in interacting meaningfully with students through the electronic instructional environment.

In addition, the PLCs have engaged teachers at all grade levels to collectively seek new ways of applying knowledge to their work. The collegial relationships that resulted already have produced solutions to problems associated with teaching digital content and accessing electronic instructional materials. Central to the PLC, has been the use of **Project SHARE**, an electronic database that is used by teachers to create online learning modules. This online database allows educators across the state to integrate and upload rich and powerful online original sources (video, text, graphics, audio, and images) into school curriculum and lessons. These electronic resources are indexed according to topic area and against TEKS and STAAR outcomes and national content standards. Educators will be able to access the resources via the search engines associated and the other digital curriculums. In addition to providing links to online resources, archives of presentations and videos, links to blogs and podcasts are available. The blogs are course specific as well as topic focused, developed for educators to share ideas about lessons and programming for students in online classrooms. The online PLC houses important reports, links to journals, digital curriculum and lesson plans, example of effective teaching strategies using digital content, implementation ideas and challenges, lessons learned, and salient access data, and aggregated student performance data.

In addition, communications technology such as emails, videoconferencing, and the online learning platforms have provide promising opportunities for collaborative learning environments for teachers in which they can: 1) reflect on practice with colleagues and experts; 2) share expertise in a distributed knowledge framework, and 3) build a common understanding of new instructional approaches, standards, and curriculum associated with online learning environments.

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Schedule #17—Responses to TEA Program Requirements (cont.)

County-district number or vendor ID: 025-902

Amendment # (for amendments only):

TEA Program Requirement 5: Applicant must describe professional development for teachers in the use of electronic instructional material that has already occurred or will occur within the first three months of the grant period (i.e., October 1, 2014-December 31, 2014) to be prepared for the grant implementation. Note: Any professional development that is provided within the grant period must be provided with non-grant funds. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

The staffs at BHS and BMS have been fortunate enough to be part of extensive staff development and training since the summer of 2009. Staff Development records and logs indicate that in the last 5 years the staffs have attended over 330 hours of training each. Each year since 2009, staff has attended more than 13 days of training designed to progress through a series of stages as they move from an accommodation phase of technology (using technology tools to primarily replicate existing instructional practices) to the transformative phases of integration (where creative uses of technology are pursued that enable instructional interactions not possible without them.) Our professional development has utilized both large group, small group and one-to-one instructional formats to provide learning opportunities differentiated to meet the needs of teachers with varying curricular interests, needs and digital literacy. BHS and BMS refer to the intensive training of the last three years as Technology Infused Learning – combining technology and emerging models of teaching and learning to transform education. There has been a strong emphasis on numeracy, literacy, special education and pedagogy that leverages digital resources in the classroom. Workshops have provided a hands-on approach to the use of specific software and digital tools that support and align classroom teaching and learning to state standards. Staff has been trained on how to: 1) develop and implement technology-integrated project-based lesson plans and classroom activities; 2) explore methods for integrating a variety of media and technologies to meet the needs of all learners; 3) learn how to deliver media directly to students and to assess learning and academic performance. Other workshops 1) train them to engage students in thinking critically about media; 2) explore how visual learning tools help students retain a better understanding of concepts and demonstrate knowledge; 3) incorporate images, photos, video segments, sounds and web links into and 4) create investigations to engage students in collaborative learning. The training is focused on the idea that students will be able to take advantage of websites, podcasts, apps, audiobooks, and other resources to help answer guiding questions and develop solutions. Recently digital training has centered around iTunes U which provides students instant access to some of the world's best thinking — including lectures, videos, and articles from hundreds of distinguished universities, libraries, museums, and news organizations.

TEA Program Requirement 6: Applicant must describe how infrastructure is adequate to support students' anticipated use of devices provided through the grant at its participating campus(es). Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

Analysis of the STaR Chart for Brownwood High School (Target Tech) and Middle School (Advanced Tech) reveal that teachers and administrators are ready to continue the one-to-one technology initiative. Each of these campuses has a robust infrastructure in place. Procedures for replacement and for repositioning equipment have been established. Computer hardware is typically repositioned every 3 years while older hardware is discarded every 6 years. A varied staff development program is on-going. All classrooms on these two campuses are equipped with Internet (wireless). The computer student ratio at the middle school is 1:1 and for high school the ratio is 1:1 and the teacher computer ratio across the district is 1:1. Through a Vision 2020 Grant, a T3 Grant, a Connections Grant, and local funds designated to technology infrastructure and a one-to-one computer project the investment for Infrastructure for Technology is a testimony of BISD's commitment toward technology-enhanced educational opportunities. Currently, the campuses have high-speed fiber connections terminating at the central facility and (90 Mbs) DS3 Telecommunication line going out from the core (PDC) to the ISP. Three non-instructional sites are connected by wireless connections; the rest connect to the PDC by fiber. Each of the schools has a Main Distribution Frame (MDF) which is equipped with a Cisco Catalyst core switch. Each school also has from 3 to 12 intermediate distribution Facilities (IDFs). The hardware varies in the IDFs (Cisco Catalyst 2948, 3548, 3524, 4003, 4006 and 4507). Students in grades 7-12 each have a laptop computer and all teachers in the district have Apple laptop computers. All campuses have computer labs. All offices have Internet access. All teachers and administrators have email accounts. The teachers are becoming well-prepared for the use of technology. During the previous 5 years, over 100 teachers have participated in Apple staff development and training through small group and one-to-one instruction. Teachers have traveled to other districts that offer one-to-one initiatives and digital curriculum and textbook projects. Teachers in grades 8-12 have had 10 days of apple training plus locally developed academies. Over 45 teachers have attended technology academies at the ESC 15 and teachers spend at least 2 hours each week in developing technology integrated lessons in their core subject areas through grade level and subject area meetings. Due to the professional development and acquisition of infrastructure and computers for students and teachers, Brownwood ISD is poised and ready to begin the next step of integrating digital textbooks and curriculum.

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Amendment # (for amendments only):

TEA Program Requirement 7: Applicant must describe a plan for providing Internet access to the homes of students as needed. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

As BISD administrators and technology staff were initially investigating the one-to-one laptop initiative, the concern for providing Internet access to homes of students was a concern. Knowing that there is a population of students that live in the extreme rural areas of the school district, the Technology Leadership Team (TLT) extensively investigated Internet access to students' homes by surveying parents and students as well as input from community and staff members. The city of Brownwood is only 12.5 square miles and with a major university, Howard Payne, in the community, Internet access is always available for students in the city. According to parent and student surveys, 85% of homes have Internet access. However, Brownwood ISD covers 139.14 square miles. There is a population of students who live on rural area farms and ranches or around the lake area of the community. The only Internet-provider in these areas, according to the TLT's research, is national satellite providers or in some cases an Internet provider who requires home phone service in order to have Internet Access. BISD's plan to handle this situation has been and will continue to be a concerted effort to publicize all facilities in Brownwood and surrounding communities that provide free wifi access. This is currently being done through brochures, on the school website, at parent meetings, and signs displayed around the town and community. BHS also works with area churches who provide sessions such as Thursday Study Nights so students can have a safe environment to use their laptops and receive tutoring assistance from community members. If a student does not have Internet access, BISD will work directly with the student and their parents on a case-by-case basis to determine the best way to provide the student with home access. The district is fully aware that it may need to contract with a 3G/4G data provider in order for the laptop to access the Internet while the student is home.

TEA Program Requirement 8: Applicant must describe how technical support is adequate to support students' anticipated use of devices provided through the grant at its participating campus(es). Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

Brownwood ISD's TLT understands that campus-based technical support will only advance the effective use of technology for teaching and learning. The lead technical support for the campus will be the Technology Integration Specialist who will also serve as the Project Director for the Technology Lending Program grant. Apple will be the TLPG vendor and Apple will appoint a common project director to supervise and coordinate all aspects of vendor contractual obligations. Apple computer has been designated as the single point of contact for the campus. Campus Computer Technician – BISD has employed through local funds a Computer Technician for Brownwood High School. The Computer Technician will be dedicated to Brownwood High School 100 percent of the time to provide technical assistance for teachers and students. The Computer Technician will perform on-site technical work to install, maintain, and support Apple computer equipment and software applications. The Campus Computer Technician will be available for teachers and staff to respond to work order requests by diagnosing and repairing computer hardware and provide training and software support as directed. District Technology Integration Specialist - The primary responsibility of the Technology Integration Specialist (TIS) is to continuously work with individuals and small groups of teachers and administrators to bridge the gap between professional development and implementation. The TIS has scheduled times called IR days (Instructional Resource) days. These days are designed to assess and work with each group of teachers to analyze technology integration challenges and barriers. The TIS will plan and schedules several integration professional development activities every month. The TIS will facilitate technology integration immersion workshops during the summer. A Teachers Academy will be designed so the TIS can work with groups of teachers to design and rewrite existing lessons to embed technology tools into their instruction. The technology tool that was designed into the instruction is than provide to the teacher. BISD believes that direct integration support is what is needed to have a totally immersed campus.

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Amendment # (for amendments only):

TEA Program Requirement 9: Applicant must describe how the grant will be administered on participating campus(es), including a description of how the check-out and check-in process will operate, who will be in charge of the check-out process, especially in cases of competing need, and the process that will be used to maintain the technology lending equipment in proper working condition. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

The Technology Lending Program grant will be administered using non-grant funds. The TLP Project Director will oversee the implementation of the grant. The Project Director will be responsible for purchasing laptops and accessories and insuring the equipment. The Brownwood High School Campus Computer Technician along with the District Technicians will be responsible for accounting for all equipment, installing software, and organizing the "9th Grade Laptop Roll Out". The Brownwood Middle School Campus Computer Technician and District Technicians will be responsible for accounting for all equipment, installing software, and organizing the "8th Grade Laptop Roll Out".

Both 8th and 9th grade laptops will be purchased as soon as possible after the grant award and will be distributed to students during a "Laptop Orientation." The Project Director will lead the mandatory "Laptop Orientation" for parents and students. Parents and students must sign the Laptop Computer Protection plan and a Student Pledge documents before the laptop can be issued.

Since each 8th and 9th grade student will have their own laptop to be used for 24/7 access, classroom teachers will not have to coordinate computer check-in or check-out. 9th grade students will retain their original laptop each year while they are enrolled at BHS. The Campus Computer Technician (located in the MAC Room at BHS) will collect student laptops at the end of the year for maintenance, cleaning, and software installation. Laptops are intended for use at school each day and for students to take home. In addition to teacher expectations for laptop use, school messages, announcements, calendars and schedules may be accessed using the laptop. Students will bring their laptops to all classes, unless specifically instructed not to do so by their teacher.

However, there are a few instances where students will have to check in and check out their laptop on a daily basis. A very small percentage of students (less than 1%) have parents who do not wish for the student to bring their laptops home after school hours. These parents have personally visited with the administration and completed the necessary paperwork. These students visit the "MAC Room" each morning prior to the beginning of school and check out their laptop and return the laptop at the end of the day. Also, a very small percentage of students (less than .05%) have broken their issued laptop more than one time. If it is deemed that these students are being irresponsible with the equipment, they are required to check in and check out the equipment on a daily basis or laptops are provided in each classroom for students to use. However, in all of these cases, the check in and check out is done by the Campus Computer Technician, not the classroom teachers.

The procedures for maintenance of the technology lending equipment are outlined in the district Technology User policy. Students are responsible for the general care of the laptop they have been issued. The user policy provides students and parents with guidelines for taking care of the equipment which is listed as 1) Taking Care of Your Laptop; 2) Carrying Laptops; 3) Screen Care for Your Laptop. Laptops that are broken or fail to work properly must be taken to the technology MAC Room located at the BHS. Loaner laptops may be issued to students when they leave their laptops for repair at the MAC Room.

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Amendment # (for amendments only):

TEA Program Requirement 10: Applicant must describe how it will account for the technology lending equipment according to local policy, including providing insurance if appropriate. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

According to Brownwood ISD Board Policy (CMB Legal) the District conducts an annual physical inventory of all currently adopted instructional materials that have been requisitioned by and delivered to the District. The results of the inventory shall be recorded in the District's files. Reimbursement and/or replacement shall be made for all instructional materials determined to be lost. 19 TAC 66.107(a). The accounting of the technology lending equipment will be entered into the Follett Asset Management System – Destiny Suite, BISD's centralized asset management that typically accounts for all equipment in the district. Once the equipment is ordered and received, the BHS Librarian will assign a tracking number to each piece of equipment through a barcode system. The asset management system keeps a record of all BISD technology equipment. The system also holds details of service schedules, maintenance records, and other information needed on each piece of equipment. BISD believes that this is an efficient and effective way to keep track of when equipment need to be replaced, fixed, or maintained. In addition, it can be extremely valuable in case of an emergency. BISD provides and will continue to provide insurance for technology equipment including all laptops on loan to students. BISD also understands that these grant funds cannot be used to replace lost, stolen, or damaged equipment.

TEA Program Requirement 11: Applicants must describe the development and implementation of a *Technology Lending Agreement* to be signed by parents or guardians of the students and by the student. The agreement must address responsible use and care of the equipment, responsible use of the district's digital resources, and responsible use of the Internet. The agreement may incorporate an existing *Responsible Use Policy* by reference. The Technology Lending Agreement must verify that students receiving Internet access at home have a demonstrated grade level mastery of the Digital Citizenship strand of the Technology Applications Texas Essential Knowledge and Skills (TEKS). Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

During the application process of the Technology Lending Program Grant, the Technology Leadership Team re-examined the existing Student Acceptable Use Policy (AUP) to determine how a *Technology Lending Agreement* could be incorporated in the current AUP as well as in the Parent Laptop Handbook. Since BISD has had a one-to-one laptop initiative for 4 years, BISD documents already address responsible use and care of laptops and equipment loaned to students as well as the district digital resources and responsible use of the Internet. Parents or guardians of the students and the student must sign the AUP and return it to school before any equipment is issued. Members of the Technology Leadership Team agree that the *Technology Lending Agreement* for 9th graders will be slightly different and will specifically address the fact that this equipment was purchased through the TLPG.

Implementation of the Technology Lending Agreement will be seamless. Both 8th and 9th grade laptops will be purchased as soon as possible after the grant award and will be distributed to students during a "Laptop Orientation." This is a process that students are already familiar with. The TLPG Project Director will lead the mandatory "Laptop Orientation" for parents and students. The AUP and the Technology Lending Agreement will be explained in detail to parents in both English and Spanish. Parents and students must sign the Acceptable Use Policy as well as the addendum for the Technology Lending Agreement before the laptop can be issued.

As a result of a federal mandate, Brownwood ISD requires their staff and students to certify that they have learned about CyberSafety and Digital Citizenship. Both CyberSafety and Digital Citizenship are important performance indicators in the Technology Applications TEKS (TA:TEKS), No Child Left Behind (NCLB) and the International Society for Technology in Education (ISTE) National Education Technology Standards for Students, Teachers, and Administrators. The mission of the Digital Citizenship initiative is to promote cyber-awareness and education for all BISD students and staff. A curriculum has been carefully selected to prepare students to become responsible digital citizens. All students at BISD are required to watch the curriculum via video and participate in class discussion. At the conclusion of each module, teachers are expected to post comments in the Discussion Forum.

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